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| 10/635,437 | 08/07/2003 | Alejandro Wiechers | 200207446-1 | 8548 |

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| EXAMINER | |
|---|---|
| SINGH, SATWANT K | |
| **ART UNIT** | **PAPER NUMBER** |
| 2625 | |

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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

| Office Action Summary | Application No. | Applicant(s) | |
|---|---|---|---|
| | 10/635,437 | WIECHERS, ALEJANDRO | |
| | Examiner | Art Unit | |
| | Satwant K. Singh | 2625 | |

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --*

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1)☒ Responsive to communication(s) filed on *31 July 2007*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4)☒ Claim(s) *1-8 and 18-23* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-8 and 18-23* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

**Application Papers**

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *07 August 2003* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

DOUGLAS Q. TRAN
PRIMARY EXAMINER

**Attachment(s)**

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

## DETAILED ACTION

### *Response to Amendment*

1. This office action is in response to the amendment filed on 31 July 2007.

### *Response to Arguments*

2. Applicant's arguments with respect to claims 1 and 17 have been considered but are moot in view of the new ground(s) of rejection.

### *Claim Rejections - 35 USC § 102*

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-8, and 18-23 are rejected under 35 U.S.C. 102(b) as being anticipated by Hansen et al. (US 6,407,820).

5. Regarding Claim 1, Hansen et al discloses a method of performing automated packaging on a printed output in a commercial printing environment that includes a designer location (job preparation 106) and a print service provider location (print production stage 108), said method comprising: creating at the designer location a digital file that represents an image to be printed (creating a faithful and error free electronic reproduction) (col. 5, lines 18-29); receiving at the designer location from the print service provider location real time configuration information regarding a print production device at the print service provider location (facilitate and manage flow jobs) (col. 6, lines 16-50); generating at the designer location packaging instructions that

describe how the printed output is to be packaged for shipment after printing, the packaging instructions being generated relative to the received configuration information (tickets are visually represented on the workstation 116 display) (col. 9, lines 23-30); creating at the designer location a high performance file that contains the digital file and the packaging instructions (ready for printer file format) (col. 5, lines 54-59); submitting the high performance file from the designer location to the print service provider location via an electronic network (flow of jobs from the job preparation stations to the print servers or the production output devices) (col. 6, lines 26-33); and generating at the print service provider location a printed output of the digital file and packaging the printed output at the print service provider location in accordance with the packaging instructions contained within the high performance file (finished output is produced on the production output device) (col. 8, lines 7-20).

6. Regarding Claim 2, Hansen et al disclose a method of performing automated packaging, further comprising verifying at the print service provider location, that the digital file will be produced as indicated by the high performance file and, if not, correcting the high performance file, including the packaging instructions, to ensure production substantially as designed (directing jobs to specific production output devices based on the attributes of the print job and how these attributes are satisfied by the print engine) (col. 7, lines 64-67, col. 8, lines 1-6).

7. Regarding Claim 3, Hansen et al disclose a method of performing automated packaging, wherein correcting the high performance file comprises reading the packaging instructions (visual representation) contained in the high performance file and

preparing appropriate corresponding instructions for an actual packaging device to be used at the print service provider location (send prepared documents and any associated tickets to the production output device for final production) (col. 12, lines 62-67, col. 13, lines 1-10).

8. Regarding Claim 4, Hansen et al discloses a method of performing automated packaging, wherein correcting the high performance file comprises adding packaging instructions to the high performance file for an actual packaging device to be used at the print service provider location to supplement packaging instructions prepared at the designer location (production instructions are submitted to the print server or directly to the production output device) (col. 8, lines 63-67, col. 9, lines 1-10).

9. Regarding Claim 5, Hansen et al discloses a method of performing automated packaging, further comprising sending an indication of the operational status of the packaging device to a server computer at the print service provider location (visual feed back of each of the status) (col. 12, lines 62-67, col. 13, lines 1-10).

10. Regarding Claim 6, Hansen et al discloses a method of performing automated packaging, further comprising sending an indication of the job completion status of the packaging device to a server computer at the print service provider location (visual feed back of each of the status) (col. 12, lines 62-67, col. 13, lines 1-10).

11. Regarding Claim 7, Hansen et al discloses a method of performing automated packaging, wherein correcting the high performance file further comprises updating a job ticket also contained within the high performance file (manipulating job/print tickets) (col. 15, lines 37-43).

12. Regarding Claim 8, Hansen et al discloses a method of performing automated packaging, wherein generating packaging instructions comprises selecting an available packaging device based on the received configuration information (directing jobs to the specific production devices based on the attributes of the print job) (col. 7, lines 63-67, col. 8, lines 1-6).

13. Regarding Claim 18, Hansen et al disclose a system for performing automated packaging on a printed output, said system comprising: a designer location configured to: create a digital file that represents an image to be printed (creating a faithful and error free electronic reproduction) (col. 5, lines 18-29), receive from a print service provider location real time configuration information regarding a print production device at the print service provider location (facilitate and manage flow jobs) (col. 6, lines 16-50), generate packaging instructions that describe how the printed output is to be packaged for shipment after printing, the packaging instructions being generated relative to the received configuration information (tickets are visually represented on the workstation 116 display) (col. 9, lines 23-30), create a high performance file that contains the digital file and the packaging instructions (ready for printer file format) (col. 5, lines 54-59), and submit the high performance file to the print service provider location via an electronic network (flow of jobs from the job preparation stations to the print servers or the production output devices) (col. 6, lines 26-33); and a print service provider location configured to generate a printed output of the digital file and package the printed output at the print service provider location in accordance with the packaging

instructions contained within the high performance file (finished output is produced on the production output device) (col. 8, lines 7-20).

14. Regarding Claim 19, Hansen et al disclose a system for performing automated packaging, wherein the print service provider location is further configured to verify that the digital file will be produced as indicated by the high performance file and, if not, correct the high performance file, including the packaging instructions, to ensure production substantially as designed (directing jobs to specific production output devices based on the attributes of the print job and how these attributes are satisfied by the print engine) (col. 7, lines 64-67, col. 8, lines 1-6).

15. Regarding Claim 20, Hansen et al disclose a system for performing automated packaging, wherein the print service provider location is configured to correct the high performance file by reading the packaging instructions (visual representation) contained in the high performance file and preparing appropriate corresponding instructions for an actual packaging device to be used at the print service provider location (send prepared documents and any associated tickets to the production output device for final production) (col. 12, lines 62-67, col. 13, lines 1-10).

16. Regarding Claim 21, Hansen et al disclose a system for performing automated packaging, wherein the print service provider location is configured to correct the high performance file by adding packaging instructions to the high performance file for an actual packaging device to be used at the print service provider location to supplement packaging instructions prepared at the designer location (production instructions are

submitted to the print server or directly to the production output device) (col. 8, lines 63-67, col. 9, lines 1-10).

17. Regarding Claim 22, Hansen et al disclose a system for performing automated packaging, wherein the print service provider location is configured to correct the high performance file by updating a job ticket also contained within the high performance file (manipulating job/print tickets) (col. 15, lines 37-43).

18. Regarding Claim 23, Hansen et al disclose a system for performing automated packaging, wherein the designer location is configured to generate packaging instructions by selecting an available packaging device based on the received configuration information (directing jobs to the specific production devices based on the attributes of the print job) (col. 7, lines 63-67, col. 8, lines 1-6).

***Conclusion***

19. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

***Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Satwant K. Singh whose telephone number is (571) 272-7468. The examiner can normally be reached on Monday thru Friday 8am - 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David K. Moore can be reached on (571) 272-7437. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Satwant K. Singh
Examiner
Art Unit 2625

sks

DOUGLAS Q. TRAN
PRIMARY EXAMINER